



GROUP
ENG

MODEL
2014~2016MY
Cadenza (VG)

NUMBER
148 (Rev 1, 03/01/2016)

DATE
September 2015

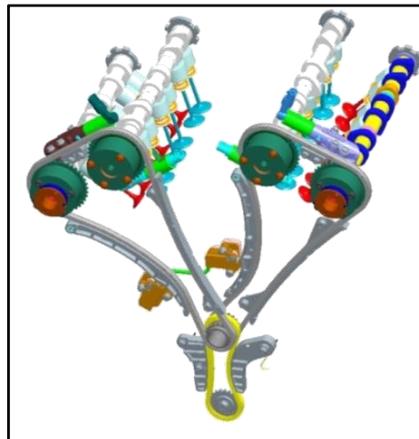
TECHNICAL SERVICE BULLETIN

SUBJECT: CHATTER/RATTLE NOISE FROM ENGINE AFTER COLD SOAK

* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides information about the timing chain tensioner replacement on some 2014~16MY Cadenza (VG) vehicles, produced from SOP through January 7, 2016, which may experience a brief chattering or rattling noise concern from the engine on start-up, after a cold soak. After confirming the noise concern, follow the procedures outlined in this TSB to resolve the concern.



* NOTICE

Due to initial limited parts availability, do **NOT** order parts unless you have an affected in-stock vehicle or a customer vehicle that requires the repair.

File Under: <Engine>

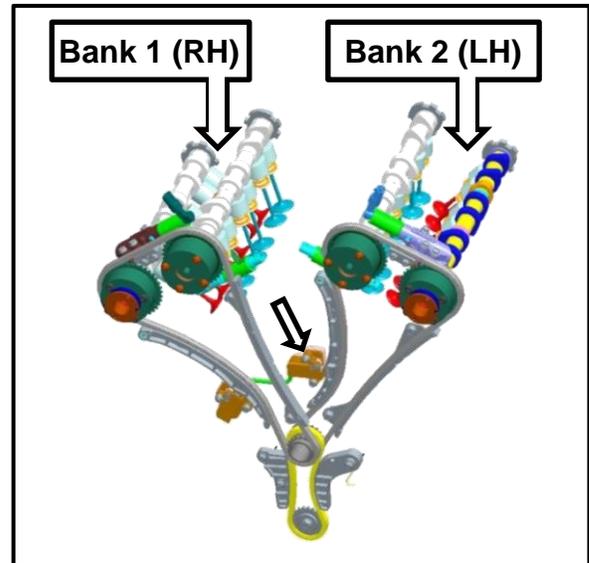
Circulate To: General Manager Service Manager Parts Manager

Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

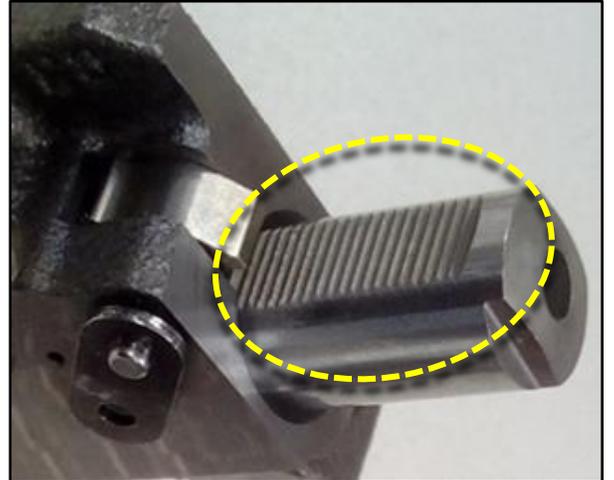
Service Procedure:

*** NOTICE**

This Service procedure should ONLY be performed on engine bank 2 (LH), as shown.



1. Refer to the “Engine Mechanical System → Timing System → Timing Chain” section in the applicable Workshop Manual on KGIS, to install the improved part.
2. Once proper tensioner installation has been completed, re-install all removed components by reversing the order of removal.
3. After confirming proper engine oil and coolant levels, start the engine and verify the rattle concern has been resolved.



New tensioner design with finer pitch on teeth (1.5mm)

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REQUIRED PARTS:

Part Name	Part Number	Figure
Timing Chain Tensioner	24410 3CGA2	

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RELATED PARTS:

Part Name	Part Number	Comments
Gasket – Rocker Cover	22453 3CGA2	
Gasket – Rocker Cover	22441 3CGA1	
Gasket – Outlet, LH	21354 3C510	
Gasket – Outlet, RH	21354 3C520	
Gasket – ETC Actuator	35101 3C000	
Gasket – Water Pump, RH	21355 3C530	Metal
Gasket – Water Pump, LH	21355 3C520	Rubber
Gasket – Surge Tank	29215 3CFA1	

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Cadenza (VG)	From SOP through January 7, 2016

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WARRANTY INFORMATION:

N CODE: Q72 C CODE: ZZ3

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	24820 3CGA2	0	(ENG 148) Timing Chain Tensioner (LH Side / Bank 2)	24410F00	5.7 M/H	24000 3CGA0FFF	1